

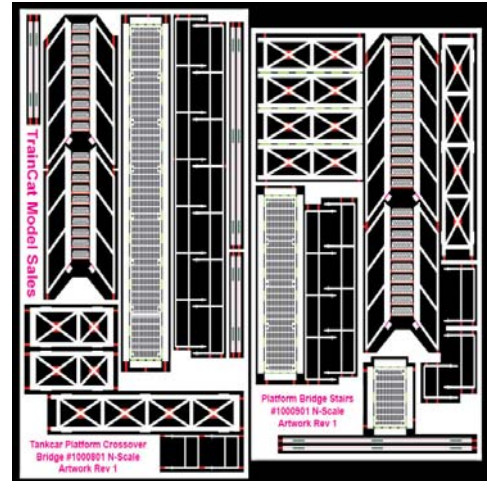
Tankcar Platform Crossover Bridge & Crossover Stairs Z-Scale, N-Scale & HO-Scale

Before Starting

PREPARING BRASS The easiest way to remove the brass parts from the sheet they are produced on, is to use rail nippers. The brass is soft and won't affect their future cutting ability. This will reduce or eliminate the amount of filing to smooth the edge. The next best way is with small sharp diagonal cutters that will fit into the small areas between the part and the sheet holding them. *You should always use a file to remove the balance of the tie. This will ensure a perfect fit.*

GLUING BRASS Instant super glues, Cyanoacrylate, CA for short, are very prominent in model building today. They will work perfectly with brass, and they are instant. We recommend a thick CA glue such as "Zap-A-Gap" from Pacer Technology. As I have also been building R/C airplanes for over 33 years, I have many airplanes built entirely with CA glue and I can tell you that the wood will break before the glue joint. So it is great stuff! Besides being almost instant, thick CA glues will help create a small fillet and fill small gaps when applied to the inside of joints. Using a toothpick to apply the CA glue works really well for getting the glue into the interior areas and controlling the amount of glue used.

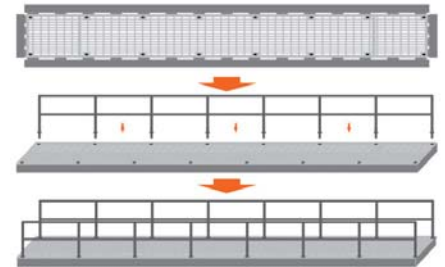
PAINTING BRASS Wash your completed assembly in warm soapy water. If it is really messed up with flux etc. you can clean it with a lacquer thinner first. *Do NOT bake the model if you used CA glue for construction.* Baking will set the paint to the brass as well as allowing you to paint over parts of it without the first coat dissolving as you spread on the second coat. One nice thing about painting on brass, if you don't like the paint job you can use paint remover to get rid of it and start again without hurting the brass.



Step #1 – Build The Walkway Bridges

The builder should remove the Walkway Bridges from the kit sprue and file off any of the remaining ties. The Ends are to be bent first before the sides. Once the Ends are bent, bend the sides.

Remove the Railings from the sprue and file off the tie remnants. Secure the long railings to the Walkway sides. If the builder is building both the Crossover and the End Stairs, Secure the two walkways together. Secure the small End Railing to the end of the Walkway opposite of the End Stairs. You don't want your people falling off the end.



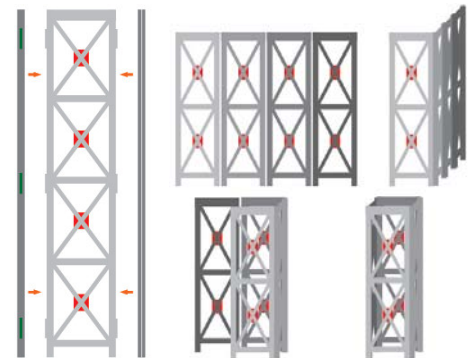
Step #2 – Build The Bents

Remove the Bents from the kit sprue cleaning off all tie remnants from the pieces. The Crossover Bridge has one long Bent and two smaller ones. The Crossover Stairs has one long Bent and a four sided smaller bent.

The single Bents have sides that create the effect of angle bars. The End has half-etched slots and the Bent has tabs. Align the tabs and slots then secure the Ends to the Bent.

Building the four sided Bent used with the Crossover Stairs is a simple process. Refer to the diagram to the left. Notice that between each panel there are tabs that are half-etched on one side. The half-etched lines are bend lines and go to the inside. Bend all four sides and secure the two meeting ends.

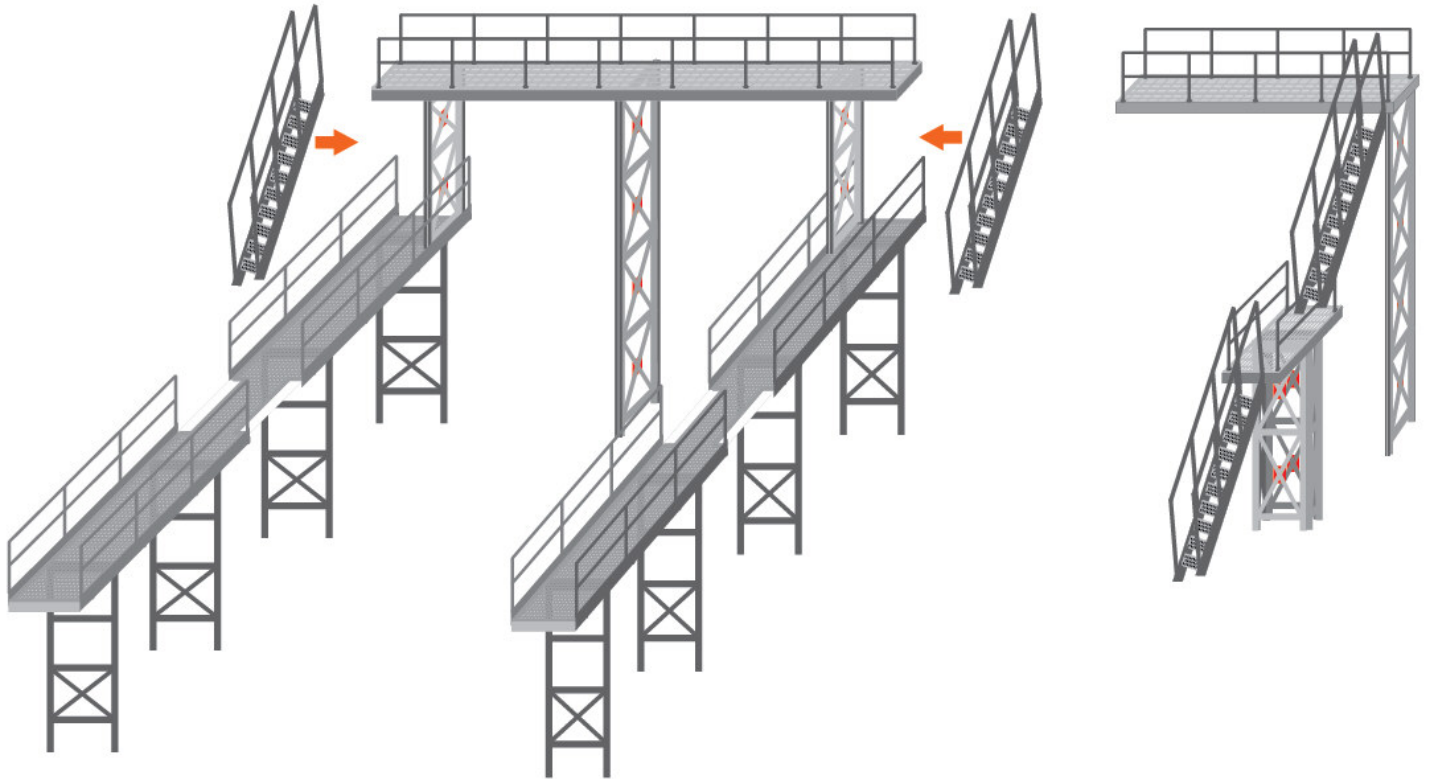
Complete all Bents.



Step #3 – Final Assembly

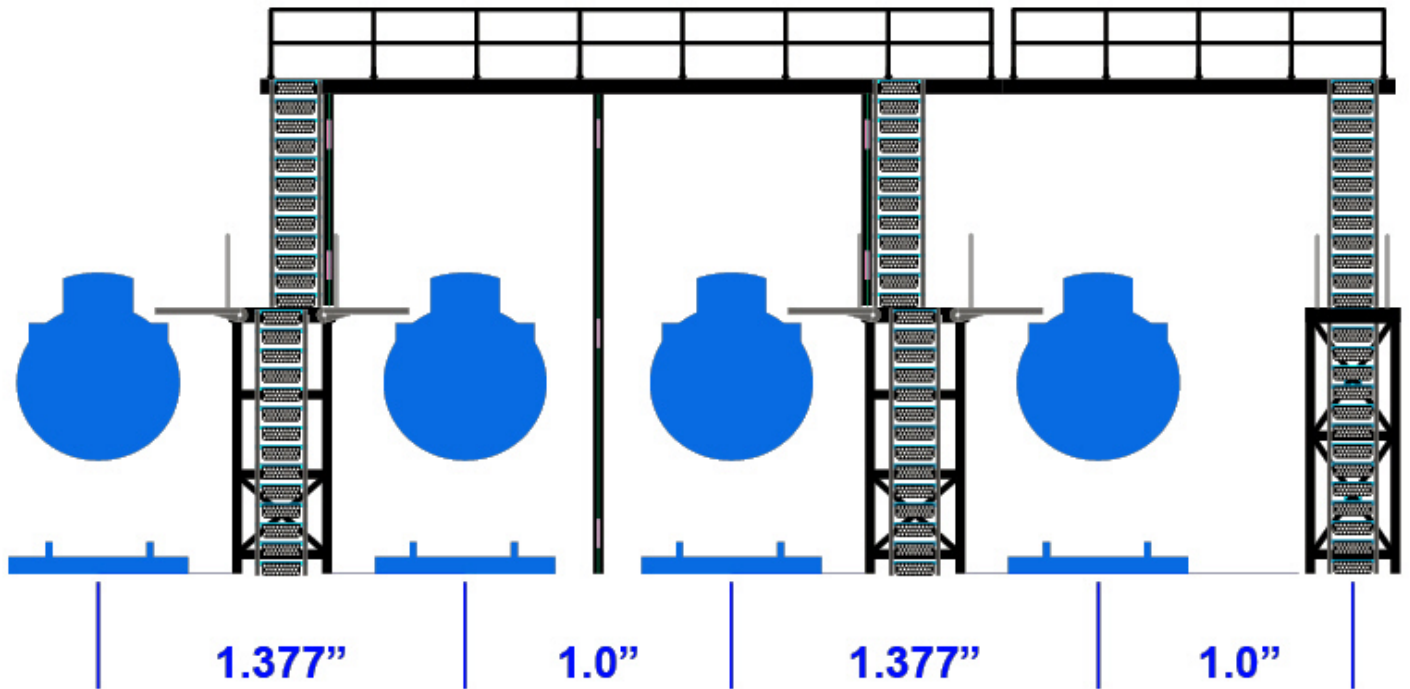
The Stairs are a one-piece assembly. Bend the Sides & Railings 90 degrees to the Stair Treads. Flip the Assembly over and from the bottom, bend the Stair Treads so the perpendicular to the Railing Uprights. The tabs at the top of the Stairs bend inward and are used to attach the Walkway Sides.

Use the following assembly diagrams to complete the assembly.



Crossover Bridge

Crossover Stairs



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